

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. When strikethrough cannot easily be perceived, or when five or fewer characters are deleted, [[double brackets]] are used to show the deletion. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1-10, and ADD new claim 11 in accordance with the following:

1. (Currently amended) ~~An~~ A CORBA object reference generating device comprising:
a request receiving unit which receives a request from an apportioning server, initially sent by a client connected via a network, to acquire ~~an-a~~ CORBA object reference for receiving a distribution of a naming service in CORBA,
wherein the apportioning server has determined whether an arrival IP address is an apportioning IP address, and if the result is negative, establishes a connection with the arrival IP address, and if the result is positive, distributes a load to a server having a lightest load in comparison with other servers; and
a generating unit which generates, dynamically, the CORBA object reference of the naming service in a hot standby environment by dynamically setting address information contained in the CORBA object reference in accordance with connection information at a time of the request.
2. (Currently amended) The CORBA object reference generating device according to claim 1, wherein said generating unit generates the CORBA object reference by setting at least arrival address information contained in the connection information as the address information.
3. (Currently amended) The CORBA object reference generating device according to claim 1, said CORBA object reference generating device comprising a system structure information control unit which controls system structure information showing a structure of a system in which ~~an-a~~ CORBA object reference is applied, wherein said generating unit generates the CORBA object reference by dynamically setting address information conforming to the structure of the system based on the system structure information.
4. (Currently amended) The CORBA object reference generating device according to claim 3, wherein said system structure information shows at least a structure of a load distribution system and a hot standby system.

5. (Currently amended) An-A CORBA object reference generating method comprising:
receiving a request from a client connected via a network to acquire an-a CORBA object reference for receiving a distribution of a naming service in CORBA;
determining whether an arrival IP address is an apportioning IP address, and
if the result is negative, establishing a connection with the arrival IP address, and
if the result is positive, distributing the load to a server having a lightest load in comparison with other servers; and
generating, dynamically, the CORBA object reference of the naming service in a hot standby environment by dynamically setting address information contained in the CORBA object reference in accordance with connection information at a time of the request.
6. (Currently amended) A computer readable recording medium on which is recorded an-a CORBA object reference generating program for performing on a computer:
receiving a request from a client connected via a network to acquire an-a CORBA object reference for receiving a distribution of a naming service in CORBA;
determining whether an arrival IP address is an apportioning IP address, and
if the result is negative, establishing a connection with the arrival IP address, and
if the result is positive, distributing the load to a server having a lightest load in comparison with other servers; and
generating, dynamically, the CORBA object reference of the naming service in a hot standby environment by dynamically setting address information contained in the CORBA object reference in accordance with connection information at a time of the request.

7. (Currently amended) An-A CORBA object reference generating device in a network, the device comprising:
an-a CORBA object reference receiver, arranged to receive an object reference request for a distribution of a naming service in CORBA from a client from an apportioning server when one of:
the apportioning server determines that an arrival IP address is an IP address of the object reference receiver; and
the apportioning server determines that the arrival IP address is an apportioning address and determines that the object reference receiver is located in a server having a lightest load in comparison with other servers; and
an-a CORBA object reference generator, to dynamically generate an-a CORBA object reference of the naming service in a hot standby environment with dynamically set address

information contained in the CORBA object reference and corresponding to request time connection information.

8. (Currently amended) An A CORBA object reference generating device in a network, the device comprising:

a connection control unit receiving from an apportioning server:

~~an-a~~ CORBA object reference request having an arrival IP address that is an IP address of the CORBA object reference generating ~~unit~~device; and

~~an-a~~ CORBA object reference request that is an apportioning address, wherein the apportioning server has determined that the CORBA object reference generating ~~unit~~device is located in a server having a lightest load in comparison with other servers,

wherein the connection control unit receives the CORBA object reference request for distribution of a naming service in CORBA initially sent from a client;

an interface apportioning unit receiving connection information from the connection control unit and apportioning an interface within an Object Request Broker (ORB);

a naming service unit to dynamically generate a naming service CORBA object reference with dynamically set address information contained in the CORBA object reference request and corresponding to request time connection information; and

the ORB performing interface processing between the interface apportioning unit and the naming service unit to distribute a load by allocating an IP address that applies a naming service to load distribution using an apportioning server.

9. (Currently amended) The CORBA object reference generating device in a network according to claim 1, wherein the generating unit generates the CORBA object reference of the naming service in a load distributed environment.

10. (Currently amended) The CORBA object reference generating method according to claim 5, wherein the object reference of the naming service is generated in a load distributed environment.

11. (New) The CORBA object reference generating device according to claim 2, wherein the arrival address information is the apportioning IP address.